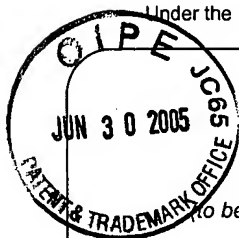


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/657,841
Filing Date	September 9, 2003
First Named Inventor	Johannes Baur et al.
Group Art Unit	2812
Examiner Name	Savitri Mulpuri
Attorney Docket Number	12406-118US1

Total Number of Pages in this Submission

11

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Response☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawings☐ Licensing-related Papers☐ Petition Routing Slip (PTO/SB/69)
and accompanying Petition☐ Petition to Convert to a
Provisional Application☒ Power of Attorney, Revocation
Change of Correspondence
Address☐ Terminal Disclaimer☐ Small Entity Statement☐ Request for Refund☐ After Allowance Communication
to Group☐ Appeal Communication to Board
of Appeals and interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Additional Enclosure(s)
(please identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or
Individual name

Julius C. Fister, III, Ph.D.

Signature

Date

June 28, 2005

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450** on this date: 06/28/2005

Name (Print/Type)

Toni M. Sousa

Signature

Date

June 28, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send fees and completed forms to the following address: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Best Available Copy



F&R Reference 12406-118US1
P2001,0176 US N

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, certifies that it is the assignee of 100% of the right, title and interest in U.S. patent application serial no. 10/657,841 filed September 9, 2003 and entitled "Radiation-emitting semiconductor component and method for producing the semiconductor component" (hereinafter "the Patent Application"). The chain of title from the inventor(s) to OSRAM GmbH for the Patent Application is based on an assignment from the inventors to Osram Opto Semiconductors GmbH (attached as Appendix 1) and a confirmatory assignment from Osram Opto Semiconductors GmbH to OSRAM GmbH (attached as Appendix 2).

The undersigned has reviewed all the documents in the chain of title of the Patent Application, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the Patent Application and appoints:

ALAN D. SMITH
Registration No. 32,005

DAVID L. FEIGENBAUM
Registration No. 30,378

TIMOTHY A. FRENCH
Registration No. 30,175

JOHN F. HAYDEN
Registration No. 37,640

FRANK R. OCCHIUTI
Registration No. 35,306

CHRIS C. BOWLEY
Registration No. 55,016

MARC M. WEFERS
Registration No. 56,842

with full power of substitution and revocation, to prosecute the Patent Application and to transact all business in the United States Patent and Trademark Office connected therewith.

Best Available Copy

F&R Reference 12406-118US1
P2001,0176 US N

All correspondence regarding the Patent Application should be sent to:

PTO Customer Number: 26161

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: _____

Typed name: G. Pokorny
Senior Vice President
Title: _____
(CC)

T. Dauner
Senior Director
Title: _____
(CC IP)

Date: _____

June 20, 2005

Assignee: OSRAM GmbH

MZW/czc

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

Best Available Copy

ASSIGNMENT

WHEREAS WE, JOHANNES BAUR, DOMINIK EISERT, MICHAEL FEHRER, BERTHOLD HAHN, VOLKER HÄRLE, MARIANNE ORTMANN, UWE STRAUSS, JOHANNES VÖKL and ULRICH ZEHNDER residing respectively at LAABER, REGENSBURG, BAD ABBACH, HEMAU, LAABER, BERNHARDS-WALD, BAD ABBACH, ERLANGEN and REGENSBURG Germany, have invented certain new and useful improvements in a

RADIATION-EMITTING SEMICONDUCTOR COMPONENT AND METHOD FOR PRODUCING THE SEMICONDUCTOR COMPONENT

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, OSRAM OPTO SEMICONDUCTORS GMBH, a German limited liability company doing business at Regensburg, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said company, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:

John J. [Signature]
Witness

Michael [Signature]
Witness

Dean-Yuan Plaine
Witness

Johannes Baur (LS)
JOHANNES BAUR

Dominik Eisert (LS)
DOMINIK EISERT

Michael Fehrer (LS)
MICHAEL FEHRER

15th, September, 2001
Date: _____

15th of September 2001
Date: _____

15th September 2001
Date: _____

Best Available Copy

Changues Plaine

Elmar Wermuth

Witness

[Signature]

Witness

[Signature]

Witness

[Signature]

Witness

[Signature]

Witness

Elmar Wermuth
Marion Wagner

Witness

[Signature] (LS)
BERTHOLD HAHN

[Signature] (LS)
VOLKER HARLE

[Signature] (LS)
MARIANNE ORTMANN

[Signature] (LS)
UWE STRAUSS

[Signature] (LS)
JOHANNES VÖLKL

[Signature] (LS)
ULRICH ZEHNDER

Date: 15th of September 2001

Date: 15th of September 2001

Date: 15th of September, 2001

Date: 15th of September 2001

Date: Sept. 15th, 2003

Date: 15th of September 2001

Not Available Copy

F&R Reference 12406-118US1
P2001,0176 US N

CONFIRMATORY ASSIGNMENT

The Effective Date of this Assignment is September 30, 2003.

WHEREAS, Osram Opto Semiconductors GmbH, a German corporation with headquarters located at Wernerwerkstrasse 2, 93049 Regensburg, Germany (hereinafter "ASSIGNOR"), was the owner of the entire right, title, and interest in U.S. patent application serial no. 10/657,841 filed September 9, 2003 and entitled "Radiation-emitting semiconductor component and method for producing the semiconductor component;"

WHEREAS, OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, (hereinafter "ASSIGNEE"), was desirous of acquiring the entire right, title and interest in and to the PATENT APPLICATION, including any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that, pursuant to the terms of a contract entered into between ASSIGNOR and ASSIGNEE on September 30, 2003, for good and valuable consideration recited therein and paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby confirm that, as of the Effective date, ASSIGNOR did sell, assign and transfer unto ASSIGNEE, its legal representatives, successors and assigns, its entire right, title and interest in and to the PATENT APPLICATION, the same interest to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

JUST AVAILABLE COPY

F&R Reference 12406-118US1
P2001,0176 US N

Furthermore, pursuant to the agreed-upon intent of the September 30, 2003 contract, ASSIGNOR explicitly confirms that this Confirmatory Assignment extends to any continuation, division, renewal, substitute, re-examination, or reissue of the applications listed in Appendix A, and that ASSIGNOR'S entire right, title and interest in any such continuation, division, renewal, substitute, re-examination, or reissue of the applications listed in Appendix A is to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

AND, ASSIGNOR hereby confirms its agreement that the change in ownership may be recorded in the official records of the United States Patent and Trademark Office.

The undersigned is authorized to act on behalf of ASSIGNOR.

This document contains 2 pages.

Osram Opto Semiconductors GmbH

By: [Signature] Date: 15 June 2005
Title: D. Thiele R. W. Thiele
CEO CFO

Witness Name: J. BUESTEN

Witness Signature: [Signature]

Witness Name: C. GELDER

Witness Signature: [Signature]

Accepted for OSRAM GmbH

By: [Signature] Date: 20 June 2005
Title: G. Pokorny T. Daumer
Senior Vice President Senior Director
(GC) (GC IP)

Best Available Copy

**APPENDIX A –****LISTING APPLICATIONS FOR SUPPLEMENTAL CONFIRMATORY ASSIGNMENT
BETWEEN OSRAM OPTO SEMICONDUCTORS GMBH AND OSRAM GMBH (4
pages)**

F&R Reference	OSRAM Reference	First Named Inventor/Applicant	Filed Serial No.	Issue Patent No.
12406-003001	1996P1650 US N	Ulrike Reeh	12/28/1998 09/221,789	
12406-003002	1996P1650 US N1	Ulrike Reeh	12/6/2000 09/731,220	11/2/2004 6,812,500
12406-003003	1996P1650 US N2	Ulrike Reeh	12/7/2000 09/731,452	6/10/2003 6,576,930
12406-004001	1997P2507 US N	Klaus Hohn	5/20/1998 09/082,205	5/23/2000 6,066,861
12406-005001	1997P2507 US 01	Klaus Hohn	3/28/2000 09/536,564	8/21/2001 6,277,301
12406-005002	1997P2507 US 04	Klaus Hohn	12/6/2000 09/731,406	
12406-006001	1997P2507 US 02	Klaus Hohn	8/29/2000 09/650,932	6/12/2001 6,245,259
12406-006002	1997P2507 US 05	Klaus Hohn	4/25/2001 09/843,080	7/15/2003 6,592,780
12406-006003	1997P2507 US 07	Klaus Hohn	7/10/2003 10/616,783	
12406-007001	1997P2507 US 03	Klaus Hohn	9/1/2000 09/654,368	9/2/2003 6,613,247
12406-007002	P19972507 US 06	Klaus Hohn	7/21/2003 10/623,819	
12406-008001	P1999.0014 WO US	Alexandra Debray	2/28/2001 09/786,086	
12406-010001	P2000.0014 US N	Dominik Eisert	2/12/2001 09/781,753	5/4/2004 6,730,939
12406-011001	1998 P 2530 US N	Bruno Acklin	3/8/2001 09/786,699	
12406-012001	1999P8115 US E/GS	Ewald Karl Michael Guenther	6/18/2001 09/786,833	
12406-013001	1999P2851US E/GS	Ewald Karl Michael Guenther	3/9/2001 09/787,400	
12406-014001	1999P8116 US E	Ewald Karl Michael Guenther	6/13/2001 09/786,832	9/28/2004 6,797,211
12406-015001	1998P2810 US N/GS	Rudolf Heimgartner	5/31/2001 09/857,252	2/10/2004 6,688,933
12406-016001	1998 P8119 US N	Markus-Christian Amann	3/28/2001 09/806,260	12/16/2003 6,664,571

3rd Available Copy

12406-017001	1999 P2843 US N	Klaus Hohn	4/20/2001 09/830,038	
12406-018001	1998 P8100 US N	Martin Rudolf Behringer	3/15/2001 09/787,186	
12406-019001	1999P1146US N/MH	Volker Harle	6/25/2001 09/869,221	3/4/2003 6,527,853
12406-020001	P2001,0799 US N/MH	JOERG BLAESSING	1/22/2002 10/055,142	
12406-021001	P1999,0003USN	VOLKER HARLE	8/13/2001 09/913,394	
12406-022US1	1999P4773USN	RALPH WIRTH	3/25/2002 10/089,017	
12406-023US1	1998P8271USN	Ewald Karl Michael Guenther	6/17/2002 10/168,058	
12406-024001	P2002,0356 US N	BERT BRAUNE	5/5/2003 10/429,916	
12406-025US1	1998P8272US E	Ewald Karl Michael Guenther	11/15/2002 10/168,055	
12406-026US1	1998P8273US E	Ewald Karl Michael Guenther	6/17/2002 10/168,271	
12406-027US1	1998P8274US E	FURONG ZHU	6/17/2002 10/168,249	
12406-028US1	P2000,0014 US N2	Dominik Eisert	8/12/2002 10/203,728	
12406-029US1	2000P3233 US N	JOERG BLAESSING	10/7/2002 10/257,079	
12406-030US1	P2000,0032 US N	Georg Bogner	8/22/2002 10/204,576	
12406-031001	P2002 0654 US N	JOERG-ERICH SORG	8/5/2003 10/635,937	
12406-032US1	P2000,0027 US N	ALFRED LELL	8/21/2002 10/204,500	
12406-033US1	P2001,0197 US N	GUENTHER VOGG	9/25/2002 10/239,963	
12406-034001	P,2001,0591 US N	Dominik Eisert	8/12/2002 10/218,061	7/27/2004 6,768,136
12406-035US1	P2000,0068 US N1	STEFAN BADER	9/19/2002 10/239,106	
12406-036US1	P2001,0050 US E-1	Hartmut Frob	8/22/2002 10/204,585	
12406-038US1	P2000,0104 US N	Georg Bogner	11/27/2002 10/296,848	
12406-039US1	P2000,0068 US N2	STEFAN BADER	10/22/2002 10/258,340	
12406-040US1	P2000,0062	GEORG Bogner	10/18/2002 10/258,154	
12406-041US1	P2000,0092 US N	HERBERT BRUNNER	11/25/2002 10/296,405	

Not Available Copy

12406-042US1	P2000,0082 US N (RS/FK)	Klaus Hohn	11/8/2002 10/275,786	
12406-043P01	P2002,0903 US E	Andreas Stich	10/22/2002 60/420,138	
12406-044US1	P2000,0090 US N (RS/BDS)	Johannes Baur	11/22/2002 10/296,195	
12406-045US1	P2000,0100 US N	BERTHOLD HAHN	11/25/2002 10/296,596	
12406-046US1	P2001,0890 US N	KARSTEN HEUSER	12/20/2002 10/327,031	
12406-047US1	P2000,0158 US N	Johannes Baur	2/3/2003 10/343,851	
12406-048001	P2002,0473 US E	EWALD GUENTHER	1/15/2002 10/051,867	
12406-049US1	2000P19317 US E	Ewald Karl Michael Guenther	3/6/2003 10/363,931	
12406-050001	P2002,0470 US E	RAMADAS KUMAR	9/28/2001 09/968,189	5/18/2004 6,737,753
12406-052US1	1998P3429 US N	EWALD GUENTHER	12/18/2000 09/737,656	
12406-053US1	2000P16977 US E	Ewald Karl Michael Guenther	3/6/2003 10/363,200	
12406-054001	P2002,0471 US E	LOW HONG YEE	9/28/2001 09/968,164	
12406-055001	P2003,0102 US E	Volker Haerle	9/24/2003 10/670,917	
12406-055P01	P2003,0102 US E	Volker Haerle	2/24/2003 60/450,068	
12406-056US1	P2003,0072 US N	ARVID HUNZE	3/11/2003 10/380,145	
12406-057001	P2001,0724 US E	Ewald Karl Michael Guenther	7/26/2001 09/915,807	12/9/2003 6,660,547
12406-058001	P2002,0609 US E	MARK AUCH	9/28/2001 09/968,167	
12406-059US1	1998P1821 US N	Volker Harle	11/28/2000 09/722,461	
12406-059US2	1998P1821 US2 N	Volker Harle	7/22/2003 10/625,118	
12406-060US1	P2002,0611 US E	MARK AUCH	11/20/2001 09/989,362	
12406-061P01	P2003,0346 US E	GEORG WITTMANN	5/30/2003 60/475,078	
12406-062P01	P2003,0347 US E	GEORG WITTMANN	5/30/2003 60/474,427	
12406-063P01	P2003,0550 US E	KARSTEN HEUSER	8/27/2003 60/498,439	
12406-064001	1995P2026 US N1	Klinger Hashuber	6/17/2002 10/173,055	

est Available Copy

12406-072001	2000P3148 US N	JORG BLASSING	9/11/2002 10/238,680	
12406-074001	1998P1998 US N	Gunther Waitl	12/29/2000 09/754,043	9/23/2003 6,624,491
12406-074002	1998P1998 US N1	Gunter Waitl	7/9/2003 10/616,070	
12406-077001	1995P2026 US N	KARLHEINZ ARNDT	11/18/1999 09/043,840	10/1/2002 6,459,130
12406-078001	1997P2008 US N	KARLHEINZ ARNDT	1/31/2000 09/494,771	4/23/2002 6,376,902
12406-078002	1998P2008 US N1	KARLHEINZ ARNDT	2/5/2002 10/072,836	10/22/2002 6,469,321
12406-078003	1997P2008 US N2	KARLHEINZ ARNDT	9/27/2002 10/259,556	6/3/2003 6,573,580
12406-078004	1997P2008 US N3	KARLHEINZ ARNDT	4/4/2003 10/407,734	7/6/2004 6,759,733
12406-081001	1993P1722 US N2	Gunter Waitl	5/30/1997 08/866,064	8/13/2002 6,432,745
12406-081002	1993P1722 US N3	Gunter Waitl	5/15/2002 10/147,672	4/6/2004 6,716,673
12406-087001	P2002,0469 US E	Kian Soo Ong	9/28/2001 09/968,165	
12406-088001	P2002,0859 US E	HAGEN KLAUSMANN	9/11/2002 10/242,068	
12406-089001	P2002,0661 US E	MARK AUCH	6/10/2002 10/166,829	
12406-090001	P2003,0416 US E	EWALD GUENTHER	4/25/2003 10/249,625	
12406-095001	P2002,0863 US E	HAGEN KLAUSMANN	9/11/2002 10/242,004	
12406-099001	P2002,0864 US E	HAGEN KLAUSMANN	9/12/2002 10/242,266	
12406-100001	P2002,0476 US E1	EWALD GUENTHER	4/17/2003 10/249,533	
12406-101001	P2002,0476 US E	EWALD GUENTHER	5/7/2002 10/142,208	
12406-118US1	P2001,0176 US N	Johannes Baur	09/09/2003 10/657,841	

Available Copy